CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)

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QC ABSTRACT

NAME OF THE WORK : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

SI. No.	Item	Quantity As Per BOQ	Required No's of testes as per Frequency	Actual No's of testes as per Frequency	Testes Results
1	1:4:8	150.28 Cum	1	1	Pass
2	Steel	21.86 Tonne	1	1	Pass
3	M20	336.09 Cum	10	10	Pass
4	Precast Slab-100mm	819.72 Sqm	1	1	Pass

Cubes

0-5 Cum 1Set
6-15 Cum 2Set
16-30 Cum 3Set
31-50 Cum 4Set
Add 1set for extra 50Cum

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, B3[illegible]
Bangalore-56[illegible]

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 11.10.2023

TEST REPORT

CLIENT	:	**Assistant Executive Engineer**, T Dasarahalli Sub division, BBMP, Bangalore.
AGENCY	:	**Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**
NAME OF THE WORK	:	Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
SAMPLE ID	:	Cement (Zuari OPC 53 Grade)
DATE OF MANUFACTURE		September- 2023
DATE OF TESTING		09.10.2023 to 11.10.2023

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269-2015
1	a) Initial Setting Time	IS-4031 (Part -5)	128 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	339 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	3 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	29.00 %	-

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Date : 11.10.2023

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Date of Testing : 11.10.2023

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : Sand

Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	80	8.00	8.00	92.0	90-100
2.36	135	13.50	21.50	78.5	75-100
1.18	152	15.20	36.70	63.3	55-90
600 Micron	151	15.10	51.80	48.2	35-59
300 Micron	235	23.50	75.30	24.7	8-30
150 Micron	159	15.90	91.20	8.8	0-10

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Date : 11.10.2023

TEST REPORT ON FINE AGGREGATES (SAND)
IS 2116-1980

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Date of Testing : 11.10.2023

Material : Sand - Masonry

Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	17	1.70	1.70	98.3	90-100
1.18	75	7.50	9.20	90.8	70-100
600 Micron	141	14.10	23.30	76.7	40-100
300 Micron	248	24.80	48.10	51.9	5-70
150 Micron	495	49.50	97.60	2.4	0-15

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Executive Engineer
Dasarahalli Sub Division
Nagalagunte, BBMP
Bangalore-560073

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date : 11.10.2023

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Date of Testing : 11.10.2023

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	208	4.2	4.2	95.8	95-100
10	2549	51.0	55.1	44.9	25-55
4.75	1979	39.6	94.7	5.3	0-10

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Date : 11.10.2023

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Date of Testing : 11.10.2023

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	166	1.11	1.11	98.89	95-100
20	8248	54.99	56.09	43.91	30-70
10	3260	21.73	77.83	22.17	10-35
4.75	2875	19.17	96.99	3.01	0-5

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Date 13.10.2023

Job No.: CACE/BBMP/DAN/W.No.14/2023-24

TEST REPORT OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Steel Dia/Length : 8mm,10mm,12mm " Fe500 TMT Bars"

Reference to BIS codes : IS 1786:2008(RA 2013) High Strength Deformed Steel Bars and Wires for Concrete Reinforcement-Specification

: IS 1608:2005 Metallic Materials- Tensile Testing at Ambient Temperature

Date of test 13.10.2023

S.No	Brand	Nominal size (dia in mm)	Mass per meter (kg/meter)	TENSILE STRENGTH			
				0.20 % proof stress/ yield stress (N/mm^2)	Tensile strength (N/mm^2)	TS/YS ratio	Elongation, percent on gauge length
1	TMT	8	0.396	531	640	1.21	14.5
2	TMT	10	0.622	548	652	1.19	14.5
3	TMT	12	0.889	558	652	1.17	15

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Date: 27.10.2023

Job No.: CACE/BBMP/DAN/W.No.14/2023-24

PRECAST SLAB 100 mm Thick(CORE) TEST REPORT

Client	:	**: Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**
Contractor	:	**: Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**
Name of Work	:	: Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
No.of Sample Tested	:	03
Date of Testing	:	27.10.2023
Techinical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M_{20}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	78.00	0.385	2513.83	1.56	0.952	32.50	16.55	17.88	17.03	21.28
2	50.00	79.00	0.391	2520.69	1.58	0.955	33.10	16.86	18.21	17.38	21.73
3	50.00	80.00	0.395	2514.65	1.60	0.957	33.80	17.21	18.59	17.79	22.24

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 25.10.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.10.2023	25.10.2023	8.121	351.7	15.63
2	18.10.2023	25.10.2023	8.128	355.3	15.79
3	18.10.2023	25.10.2023	8.134	358.9	15.95

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24 Date: 15.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.10.2023	15.11.2023	8.159	509.2	22.63
2	18.10.2023	15.11.2023	8.175	515.7	22.92
3	18.10.2023	15.11.2023	8.183	518.3	23.04

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.10.2023	25.10.2023	8.128	343.9	15.28
2	18.10.2023	25.10.2023	8.137	349.7	15.54
3	18.10.2023	25.10.2023	8.145	352.8	15.68

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Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.10.2023	15.11.2023	8.195	500.3	22.24
2	18.10.2023	15.11.2023	8.201	509.7	22.65
3	18.10.2023	15.11.2023	8.205	514.3	22.86

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Date: 27.10.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.10.2023	27.10.2023	8.138	349.4	15.53
2	20.10.2023	27.10.2023	8.144	347.2	15.43
3	20.10.2023	27.10.2023	8.152	348.1	15.47

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 17.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.10.2023	17.11.2023	8.190	506.8	22.52
2	20.10.2023	17.11.2023	8.198	512.7	22.79
3	20.10.2023	17.11.2023	8.201	513.9	22.84

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Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
Ramaiah Layout, Nagasandra, Bangalore - 560 073.
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CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)

An ISO 9001-2015 Certified Company

NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 27.10.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.10.2023	27.10.2023	8.119	342.9	15.24
2	20.10.2023	27.10.2023	8.121	348.3	15.48
3	20.10.2023	27.10.2023	8.133	351.7	15.63

Note:

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2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

For CIVIL AIM CONSULTANTS & ENGINEERS

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 17.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.10.2023	17.11.2023	8.166	503.4	22.37
2	20.10.2023	17.11.2023	8.181	507.5	22.56
3	20.10.2023	17.11.2023	8.188	501.7	22.30

Note:

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Assistant Executive Engineer
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Job No.: CACE/BBMP/DAN/W.No.14/2023-24 Date: 11.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2023	11.11.2023	8.150	340.9	15.15
2	04.11.2023	11.11.2023	8.149	346.2	15.39
3	04.11.2023	11.11.2023	8.142	339.1	15.07

Note:

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 02.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2023	02.12.2023	8.169	502.2	22.32
2	04.11.2023	02.12.2023	8.188	484.9	21.55
3	04.11.2023	02.12.2023	8.172	496.3	22.06

Note:

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24 Date: 11.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2023	11.11.2023	8.105	346.8	15.41
2	04.11.2023	11.11.2023	8.112	347.3	15.44
3	04.11.2023	11.11.2023	8.108	349.1	15.52

Note:

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24 Date: 02.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2023	02.12.2023	8.167	504.8	22.44
2	04.11.2023	02.12.2023	8.172	509.3	22.64
3	04.11.2023	02.12.2023	8.179	512.7	22.79

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Executive Engineer
Dasarahalli Division

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24 Date: 13.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.11.2023	13.11.2023	8.101	351.7	15.63
2	06.11.2023	13.11.2023	8.119	352.9	15.68
3	06.11.2023	13.11.2023	8.145	348.3	15.48

Note:

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Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24 Date: 04.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.11.2023	04.12.2023	8.170	509.7	22.65
2	06.11.2023	04.12.2023	8.181	511.9	22.75
3	06.11.2023	04.12.2023	8.186	515.2	22.90

Note:

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Assistant Executive Engineer
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Job No.: CACE/BBMP/DAN/W.No.14/2023-24 Date: 13.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.11.2023	13.11.2023	8.095	342.5	15.22
2	06.11.2023	13.11.2023	8.079	345.1	15.34
3	06.11.2023	13.11.2023	8.083	348.3	15.48

Note:

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Assistant Executive Engineer
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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 04.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.11.2023	04.12.2023	8.171	512.2	22.76
2	06.11.2023	04.12.2023	8.182	514.9	22.88
3	06.11.2023	04.12.2023	8.198	516.7	22.96

Note:

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Assistant Executive Engineer
T. Dasarahalli Sub Division
BBMP, Bagalagunte, BBMP
Bangalore-560073

For CIVIL AIM CONSULTANTS & ENGINEERS

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 15.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.11.2023	15.11.2023	8.112	350.9	15.60
2	08.11.2023	15.11.2023	8.127	353.6	15.72
3	08.11.2023	15.11.2023	8.138	352.7	15.68

Note:

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Assistant Executive Engineer
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Job No.: CACE/BBMP/DAN/W.No.14/2023-24 Date: 06.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.11.2023	06.12.2023	8.179	511.9	22.75
2	08.11.2023	06.12.2023	8.192	513.4	22.82
3	08.11.2023	06.12.2023	8.168	514.8	22.88

Note:

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 17.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.11.2023	17.11.2023	8.119	343.9	15.28
2	10.11.2023	17.11.2023	8.128	344.7	15.32
3	10.11.2023	17.11.2023	8.140	345.8	15.37

Note:

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Assistant Executive Engineer
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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 08.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.**

Agency : **Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.**

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.11.2023	08.12.2023	8.180	504.8	22.44
2	10.11.2023	08.12.2023	8.175	508.3	22.59
3	10.11.2023	08.12.2023	8.192	509.7	22.65

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL AIM CONSULTANTS & ENGINEERS

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